

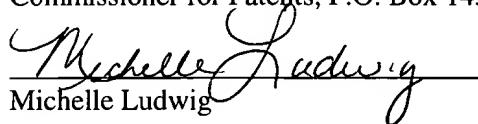


PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

CERTIFICATE UNDER 37 C.F.R. §1.10

I hereby certify that the documents enclosed herein are being deposited with the United States Postal Service on this 29th day of July, 2004 in an envelope as "Express Mail Post Office to Addressee" Mailing Label Number EV114072985US addressed to: MAIL STOP PETITION, Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450.


Michelle Ludwig

In re application of: Taylor et al.)
Serial No.: 09/386,605) Examiner: Georgia L. Helmer
Filed: August 31, 1999) Group Art Unit: 1638
For: Novel Transgene Assay Using Stable) Conf. No. 1594
Agrobacterium Rhizogenes Transformation)

MAIL STOP PETITION
Commissioner for Patents
P.O. Box 1450
Alexandria, Virginia 22313-1450

TRANSMITTAL LETTER

Transmitted herewith are the following documents in the above-identified application.

- X Petition to Withdraw Notice of Abandonment or, in the Alternative, to Revive an Unintentionally Abandoned Application
- X Fee Transmittal for Year 2004
- X If an extension or an additional extension of time is required, but is not enclosed, please consider this a conditional petition therefor and charge Deposit Account 13-4125 accordingly.
- X Please debit \$1,460.00 from Deposit Account 13-4125 for the fee required with this filing.
- X Please charge any deficiencies or credit any overpayment to Deposit Account 13-4125. A duplicate copy of this sheet is attached.

Respectfully submitted,



Thomas P. McBride
Reg. No. 32,706
800 North Lindbergh Boulevard, Mail Zone E2NA
St. Louis, Missouri 63167
(314) 694-5802 (telephone)
(314) 694-5311 (facsimile)



Express Mail #EV114072985US

PTO/SB/17 (10-03)

Approved for use through 07/31/2006. OMB 0651-0032

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

FEE TRANSMITTAL for FY 2004

Effective 10/01/2003. Patent fees are subject to annual revision.

☐ Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT (\$) 1,460.00

Complete if Known

Application Number	09/386,605
Filing Date	8/31/1999
First Named Inventor	Christopher G. Taylor
Examiner Name	G. Helmer
Art Unit	1638
Attorney Docket No.	38-21(15757)

METHOD OF PAYMENT (check all that apply)☐ Check ☐ Credit card ☐ Money Order ☐ Other ☐ None☒ Deposit Account:Deposit Account Number
Deposit Account Name

13-4125

Monsanto Company

The Director is authorized to: (check all that apply)

☒ Charge fee(s) indicated below ☒ Credit any overpayments☒ Charge any additional fee(s) or any underpayment of fee(s)☐ Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.**FEE CALCULATION****1. BASIC FILING FEE**

Large Entity	Small Entity	Fee Description	Fee Paid
Fee Code (\$)	Fee Code (\$)		
1001 770	2001 385	Utility filing fee	
1002 340	2002 170	Design filing fee	
1003 530	2003 265	Plant filing fee	
1004 770	2004 385	Reissue filing fee	
1005 160	2005 80	Provisional filing fee	
SUBTOTAL (1)			(\$) -0-

2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE

	Extra Claims	Fee from below	Fee Paid
Total Claims	-20** =	X	
Independent Claims	- 3** =	X	
Multiple Dependent			

Large Entity	Small Entity	Fee Description
Fee Code (\$)	Fee Code (\$)	
1202 18	2202 9	Claims in excess of 20
1201 86	2201 43	Independent claims in excess of 3
1203 290	2203 145	Multiple dependent claim, if not paid
1204 86	2204 43	** Reissue independent claims over original patent
1205 18	2205 9	** Reissue claims in excess of 20 and over original patent
SUBTOTAL (2)		(\$) -0-

**or number previously paid, if greater; For Reissues, see above

FEE CALCULATION (continued)**3. ADDITIONAL FEES**

Large Entity Small Entity

Fee Code (\$)	Fee Code (\$)	Fee Description	Fee Paid
1051 130	2051 65	Surcharge - late filing fee or oath	
1052 50	2052 25	Surcharge - late provisional filing fee or cover sheet	
1053 130	1053 130	Non-English specification	
1812 2,520	1812 2,520	For filing a request for <i>ex parte</i> reexamination	
1804 920*	1804 920*	Requesting publication of SIR prior to Examiner action	
1805 1,840*	1805 1,840*	Requesting publication of SIR after Examiner action	
1251 110	2251 55	Extension for reply within first month	
1252 420	2252 210	Extension for reply within second month	
1253 950	2253 475	Extension for reply within third month	
1254 1,480	2254 740	Extension for reply within fourth month	
1255 2,010	2255 1,005	Extension for reply within fifth month	
1401 330	2401 165	Notice of Appeal	
1402 330	2402 165	Filing a brief in support of an appeal	
1403 290	2403 145	Request for oral hearing	
1451 1,510	1451 1,510	Petition to institute a public use proceeding	
1452 110	2452 55	Petition to revive - unavoidable	
1453 1,330	2453 665	Petition to revive - unintentional	1,330.00
1501 1,330	2501 665	Utility issue fee (or reissue)	
1502 480	2502 240	Design issue fee	
1503 640	2503 320	Plant issue fee	
1460 130	1460 130	Petitions to the Commissioner	130.00
1807 50	1807 50	Processing fee under 37 CFR 1.17(q)	
1806 180	1806 180	Submission of Information Disclosure Stmt	
8021 40	8021 40	Recording each patent assignment per property (times number of properties)	
1809 770	2809 385	Filing a submission after final rejection (37 CFR 1.129(a))	
1810 770	2810 385	For each additional invention to be examined (37 CFR 1.129(b))	
1801 770	2801 385	Request for Continued Examination (RCE)	
1802 900	1802 900	Request for expedited examination of a design application	

Other fee (specify)

*Reduced by Basic Filing Fee Paid

SUBTOTAL (3) (\$) 1,460.00

SUBMITTED BY

(Complete if applicable)

Name (Print/Type)	Thomas P. McBride	Registration No. (Attorney/Agent)	32,706	Telephone	314-694-5802
Signature		Date	7/29/04		

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

This collection of information is required by 37 CFR 1.17 and 1.27. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS.

SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.



07-30-04

DAG
IFWD

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

Taylor et al.

Serial number:

09/386,605

Filing Date:

08/31/99

Docket Number

38-21 (15757)

Group Art Unit:

1638

Examiner:

Helmer, G.

Title:

**Novel Transgene Assay Using Stable
Agrobacterium Rhizogenes
Transformation**

CERTIFICATE OF MAILING

I hereby certify that this correspondence is being deposited with the United States Postal Service as Express Mail #EV114072985US, in an envelope addressed to: MAIL STOP PETITION, Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia, 22313-1450 on July 29, 2004.

DATE: July 29, 2004

Michelle Ludwig
Signature

Michelle Ludwig

Printed Name

**PETITION TO WITHDRAW NOTICE OF ABANDONMENT OR, IN THE ALTERNATIVE, TO
REVIVE AN UNINTENTIONALLY ABANDONED APPLICATION**

MAIL STOP PETITION

Commissioner for Patents

PO Box 1450

Alexandria, Virginia 22313-1450

Dear Sir:

This petition is to clarify the status of the above-identified patent application in the PTO records. It is requested that the notice of abandonment of the application dated September 23, 2003 be withdrawn as being improperly issued. In the alternative, if the PTO determines that the Notice of Abandonment was proper, then Applicants request that this application be revived pursuant to 37 CFR 1.137(b) as being unintentionally abandoned.

Petition
09/386,605

PAGE 1 of 3
Docket Number **38-21 (15757)**

08/03/2004 WABDELRI 00000118 134125 09386605

01 FC:1453
02 FC:1460
1330.00 DA
130.00 DA

Background Facts

On August 27, 2002, the PTO issued an Office Action that on the Office Action Summary Sheet indicated that the Office Action was non-final and Applicants docketed as such (Exhibit 1). Upon reviewing the Office Action prior to filing a response, it was noted that the Examiner had indicated that the Office Action was final but did not include the usual language regarding final office actions at the end of the Office Action.

Applicants' attorney called the Examiner on November 25, 2002 to inquire about this discrepancy and brought it to the Examiner's attention. At the time, no action was taken by the Examiner. In order to preserve its rights, Applicants' attorney filed a Notice of Appeal on November 26, 2002 (Exhibit 2).

On December 3, 2002, the Examiner issued a supplemental Office Action vacating the Office Action of August 27, 2002 (Exhibit 3, see page 2 of Office Action, paragraph 1). Applicant then re-docketed this Office Action for response and requested a refund of the Appeal Fee from its November 26, 2002 appeal (Exhibit 4).

On May 2, 2003, Applicant again filed a Notice of Appeal in connection with this application including the requisite 2 month extension of time (Exhibit 5).

On September 23, 2003, Applicants received a Notice of Abandonment from the Examiner, referring to the Applicants' Notice of Appeal received by the USPTO on December 3, 2002 and corresponding to the Notice of Appeal filed on November 26, 2002. (Exhibit 6)

On November 3, 2003, Applicants attorney (the undersigned) called Examiner Amy Nelson to discuss this matter and inquired as to the proper course of action on this matter, but having not heard back from the Patent Office on the RCE and amendment, Applicants decided to file this petition.

Because Applicants' Notice of Appeal appealed the Office Action of August 27, 2002 and that Office Action was subsequently vacated, it is Applicants' position that this Notice of Abandonment is improper and should be withdrawn. When Applicants attempted to preserve its rights by filing a Notice of Appeal on November 26, 2002, it was not aware that the PTO was going to vacate the August 27, 2002 Office Action and submit a further Office Action re-setting the dates.

Continuing in its prosecution of this application, Applicants filed a Request for Continued Examination with an Amendment responding to the outstanding Office Action on December 2, 2003 with the requisite 5 month extension of time to render it timely filed (Exhibit 7).

Summary

In view of the facts presented above, Applicant requests that the status of this application be clarified by withdrawal of the Notice of Abandonment in the file or a reference in the file that the Notice of Abandonment refers to a Notice of Appeal that was rendered moot by subsequent PTO actions. Applicant requests that this application be reviewed by the Examining Group in due course pursuant to the RCE and amendment filed by the Applicants.

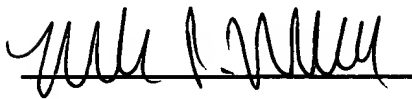
In the alternative, if the PTO determines that this application has become abandoned, Applicant hereby states that any such abandonment was unintentional and respectfully petitions to revive this application. The necessary reply to the outstanding Office Action has already been filed. The petition fee is authorized to be withdrawn from Applicants deposit account per the instructions below.

The entire delay in filing the required reply until the filing of this petition was unintentional. It is not believed that a terminal disclaimer is required under 37 CFR 1.137(d)

In the event that any additional fees are necessary in connection with this petition, the Patent Office is hereby authorized to debit Deposit Account 13-4125 for any such fee required and to consider this a conditional petition therefore.

In view of the foregoing, it is submitted that this petition sets forth sufficient facts to withdraw the Notice of Abandonment in this case and to continue prosecution on the merits of the RCE with amendment. In the alternative, applicants request that this application be revived as being unintentionally abandoned.

Respectfully Submitted,



Thomas P. McBride
Reg. No.:32,706
Monsanto Company
800 North Lindbergh Blvd.
Mail Zone E2NA
St. Louis, MO 63167
Voice: (314) 694-5802
Fax: (314) 694-5311



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
Address: COMMISSIONER OF PATENTS AND TRADEMARKS
Washington, D.C. 20231
www.uspto.gov

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/386,605	08/31/1999	CHRISTOPHER G. TAYLOR	(38-21-(15757) A/45)	1594

27161 7590 08/27/2002

MONSANTO COMPANY
800 N. LINDBERGH BLVD.
ATTENTION: G.P. WUELLNER, IP PARALEGAL, (E2NA)
ST. LOUIS, MO 63167

EXAMINER

HELMER, GEORGIA L

ART UNIT	PAPER NUMBER
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1638

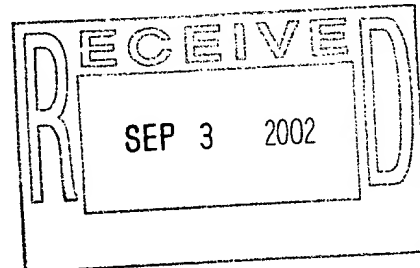
DATE MAILED: 08/27/2002

(NON-FINAL) 13

Please find below and/or attached an Office communication concerning this application or proceeding.

(TPM)

POSTED
9/5/02



Office Action Summary

Application No.

09/386,605

Applicant(s)

TAYLOR ET AL.

Examiner

Georgia L. Helmer

Art Unit

1638

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133).
- Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 11 June 2002.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-26 is/are pending in the application.
- 4a) Of the above claim(s) 12-26 is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1-11 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
- 11) ☐ The proposed drawing correction filed on _____ is: a) ☐ approved b) ☐ disapproved by the Examiner.
If approved, corrected drawings are required in reply to this Office action.
- 12) ☐ The oath or declaration is objected to by the Examiner.

Priority under 35 U.S.C. §§ 119 and 120

- 13) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. _____.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
* See the attached detailed Office action for a list of the certified copies not received.
- 14) ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. § 119(e) (to a provisional application).
a) ☐ The translation of the foreign language provisional application has been received.
- 15) ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. §§ 120 and/or 121.

Attachment(s)

- 1) ☒ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☐ Information Disclosure Statement(s) (PTO-1449) Paper No(s) _____
- 4) ☐ Interview Summary (PTO-413) Paper No(s) _____
- 5) ☐ Notice of Informal Patent Application (PTO-152)
- 6) ☐ Other:

OFFICE ACTION

Status of the Claims

1. The Office acknowledges receipt of Applicants Response, dated 11 June 2002, paper number 12.
2. Applicant has amended claims 1, 3, 8 and 11. Claims 1-28 are pending. Claims 1-11 are examined in the instant action.

This action is made FINAL.

3. All rejections not addressed below have been withdrawn.

Claim Rejections - 35 USC § 112

4. The following is a quotation of the first paragraph of 35 U.S.C. 112:

The specification shall contain a written description of the invention, and of the manner and process of making and using it, in such full, clear, concise, and exact terms as to enable any person skilled in the art to which it pertains, or with which it is most nearly connected, to make and use the same and shall set forth the best mode contemplated by the inventor of carrying out his invention.

5. Claims 1-11 rejected under 35 U.S.C. 112, first paragraph, because the specification, while being enabling for soybean hypocotyls and potato branches, does not reasonably provide enablement for any explant of any plant. The specification does not enable any person skilled in the art to which it pertains, or with which it is most nearly connected, to make and use the invention commensurate in scope with these claims.

Applicant's claims are broadly drawn to any explant of any plant.

Re any explant:

Art Unit: 1638

Applicant teaches soybean hypocotyls and potato branches. Hypocotyls and stems are not representative of all explants. Stems and hypocotyls are explants which have undergone differentiation and possess special features such as hormone gradients (Raven et al, Biology of Plants (1992), Worth Publishers, New York, NY 10003, pages 548). These explants (stem & hypocotyls) "know which end is up". Not all explants have these features. It is unpredictable that other explants not having these features, would be capable of functioning in the same way as stems and hypocotyls in the claimed invention. Neither the prior art nor Applicant's disclosure shows that explants other than stems and hypocotyls are capable of functioning as desired in the claimed invention. Accordingly, it is unpredictable that explants other than stems and hypocotyls can be used to practice the claimed invention as commensurate in scope with the claims.

Re any plant:

Applicant claims any plant. Applicant teaches soybean and potato, which are dicot plants. Dicot plants are not representative of all plants. Especially they are not representative of monocot plants. The properties of stems of dicot plants differ from those of monocot plants (Raven et al, Biology of Plants (1992), Worth Publishers, New York, NY 10003, pages 382, Table 18, and 494-5, Figures 23-8, 23-9 and 23-10). Dicots show secondary growth, characterized by the presence of secondary meristematic tissue. Dicot stem cells have the capacity to dedifferentiate and become meristematic, whereas monocot stems cells do not have this capacity. It is unpredictable that plants other than dicots would be capable of functioning in the same way as the dicots in the

Art Unit: 1638

claimed invention. Neither the prior art nor Applicant's disclosure shows that plants other than dicots are capable of functioning as desired in the claimed invention. Accordingly, it is unpredictable that plants other than dicots can be used to practice the claimed invention as commensurate in scope with the claims.

In view of the breadth of the claims (any explant and any plant) and the lack of guidance in the specification, undue experimentation would be required to enable the invention as commensurate in scope with the claims. The specification does not enable any person skilled in the art to which it pertains, or with which it is most nearly connected, to make and use the invention commensurate in scope with these claims.

Remarks

5. No Claim is allowed.

6. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Georgia L. Helmer whose telephone number is 703-308-7023. The examiner can normally be reached on 8:30 - 5:00.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Amy Nelson can be reached on 703-306-3218. The fax phone numbers for the organization where this application or proceeding is assigned are 703-308-4242 for regular communications and 703-308-4242 for After Final communications.

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the receptionist whose telephone number is 703-308-0196.

Georgia L. Helmer PhD
Patent Examiner
Art Unit 1638
August 23, 2002

Phuong Bui
PHUONG T. BUI
PRIMARY EXAMINER
8/26/02

Notice of References CitedApplication/Control No.
09/386,605Applicant(s)/Patent Under
Reexamination
TAYLOR ET AL.Examiner
Georgia L. HelmerArt Unit
1638

Page 1 of 1

U.S. PATENT DOCUMENTS

*		Document Number Country Code-Number-Kind Code	Date MM-YYYY	Name	Classification
	A	US-			
	B	US-			
	C	US-			
	D	US-			
	E	US-			
	F	US-			
	G	US-			
	H	US-			
	I	US-			
	J	US-			
	K	US-			
	L	US-			
	M	US-			

FOREIGN PATENT DOCUMENTS

*		Document Number Country Code-Number-Kind Code	Date MM-YYYY	Country	Name	Classification
	N					
	O					
	P					
	Q					
	R					
	S					
	T					

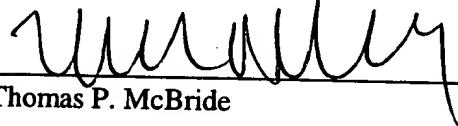
NON-PATENT DOCUMENTS

*		Include as applicable: Author, Title Date, Publisher, Edition or Volume, Pertinent Pages)
	U	(Raven et al, Biology of Plants (1992), Worth Publishers, New York, NY 10003, pages 382, Table 18, and 494-5, Figures 23-8, 23-9 and 23-10)
	V	
	W	
	X	

*A copy of this reference is not being furnished with this Office action. (See MPEP § 707.05(a).)
Dates in MM-YYYY format are publication dates. Classifications may be US or foreign.

IN THE UNITED STATES PATENT AND TRADEMARK OFFICECERTIFICATE OF MAILING

I hereby certify that this correspondence is being deposited in the United States Postal Service as first class mail in an envelope addressed to Assistant Commissioner for Patents, Washington, D.C. 20231 on this 26th day of November, 2002.


Thomas P. McBride

In re application of:
Taylor et al.

Serial No.: 09/386,605

Filed: August 31, 1999

For: NOVEL TRANSGENE ASSAY USING
STABLE AGROBACTERIUM RHIZOGENES
TRANSFORMATION

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) Examiner: Georgia L. Helmer
)
) Group Art Unit: 1638
)
) Conf. No. 1594
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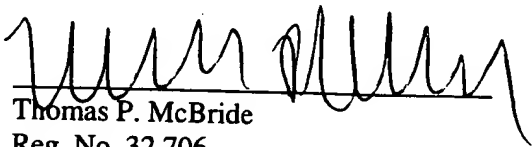
Assistant Commissioner for Patents
Washington, D.C. 20231

TRANSMITTAL LETTER

Transmitted herewith are the following documents in the above-identified application.

- X Notice of Appeal from the Examiner to the Board of Patent Appeals and Interferences
- X Fee Transmittal for Year 2002;
- X If an extension or an additional extension of time is required, but is not enclosed, please consider this a conditional petition therefor and charge Deposit Account 13-4125 accordingly.
- X Please debit \$320.00 from Deposit Account 13-4125 for the fee required with this filing.
- X Please charge any deficiencies or credit any overpayment to Deposit Account 13-4125. A duplicate copy of this sheet is attached.

Respectfully submitted,


Thomas P. McBride
Reg. No. 32,706
Monsanto Company
700 Chesterfield Parkway North, Mail Zone BB1L
Chesterfield, Missouri 63198
(636) 737-7685
(636) 737-6047 (fax)

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

**NOTICE OF APPEAL FROM THE EXAMINER TO THE
BOARD OF PATENT APPEALS AND INTERFERENCES**

Docket Number (Optional)

38-21(15757)

I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to "Assistant Commissioner for Patents, Washington D.C. 20231" on 26 Nov 02

Signature

Typed or printed name Thomas P. McBride

In re Application of

Taylor et al.

Application Number

09/386,605

Filed

08/31/1999

For

Novel Transgene Assay Using Stable Agrobacterium Rhizogenes Transformation

Group Art Unit

1638

Examiner

Georgia L. Helmer

Applicant hereby **appeals** to the Board of Patent Appeals and Interferences from the last decision of the examiner.

The fee for this Notice of Appeal is (37 CFR 1.17(b))

\$ 320.00

- ☐ Applicant claims small entity status. See 37 CFR 1.27. Therefore, the fee shown above is reduced by half, and the resulting fee is: \$_____
- ☐ A check in the amount of the fee is enclosed.
- ☐ Payment by credit card. Form PTO-2038 is attached.
- ☐ The Commissioner has already been authorized to charge fees in this application to a Deposit Account. I have enclosed a duplicate copy of this sheet.
- ☒ The Commissioner is hereby authorized to charge any fees which may be required, or credit any overpayment to Deposit Account No. 13-4125. I have enclosed a duplicate copy of this sheet.
- ☐ A petition for an extension of time under 37 CFR 1.136(a) (PTO/SB/22) is enclosed.

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

I am the

- ☐ applicant/inventor.
- ☐ assignee of record of the entire interest.
See 37 CFR 3.71. Statement under 37 CFR 3.73(b) is enclosed. (Form PTO/SB/96)
- ☒ attorney or agent of record.
- ☐ attorney or agent acting under 37 CFR 1.34(a).
Registration number if acting under 37 CFR 1.34(a) _____

Signature

Thomas P. McBride

Typed or printed name

Date

NOTE: Signatures of all the inventors or assignees of record of the entire interest or their representative(s) are required. Submit multiple forms if more than one signature is required, see below*.

☒ *Total of one forms are submitted.

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

**FEE TRANSMITTAL
for FY 2002**

Patent fees are subject to annual revision.

TOTAL AMOUNT OF PAYMENT (\$) **320.00****Complete if Known**

Application Number	09/386,605
Filing Date	08/31/1999
First Named Inventor	Christopher G. Taylor
Examiner Name	Georgia L. Helmer
Group Art Unit	1638
Attorney Docket No.	38-21(15757)

METHOD OF PAYMENT

- 1.
- ☒
- The Commissioner is hereby authorized to charge indicated fees and credit any overpayments to:

Deposit Account Number	13-4125
Deposit Account Name	Monsanto Company

- ☒
- Charge Any Additional Fee Required Under 37 CFR 1.16 and 1.17

☐ Applicant claims small entity status. See 37 CFR 1.27

- 2.
- ☐
- Payment Enclosed:

☐ Check ☐ Credit card ☐ Money Order ☐ Other**FEE CALCULATION****1. BASIC FILING FEE**

Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description	Fee Paid
101 740	201 370	Utility filing fee	
106 330	206 165	Design filing fee	
107 510	207 255	Plant filing fee	
108 740	208 370	Reissue filing fee	
114 160	214 80	Provisional filing fee	

SUBTOTAL (1) (\$) **-0-****2. EXTRA CLAIM FEES**

Total Claims	Extra Claims	Fee from below	Fee Paid
Independent Claims	-20** =	18.00	
Multiple Dependent	-3** =	84.00	

Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description
103 18	203 9	Claims in excess of 20
102 84	202 42	Independent claims in excess of 3
104 280	204 140	Multiple dependent claim, if not paid
109 84	209 42	** Reissue independent claims over original patent
110 18	210 9	** Reissue claims in excess of 20 and over original patent

SUBTOTAL (2) (\$) **-0-**

**or number previously paid, if greater; For Reissues, see above

FEE CALCULATION (continued)**3. ADDITIONAL FEES**

Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description	Fee Paid
105 130	205 65	Surcharge - late filing fee or oath	
127 50	227 25	Surcharge - late provisional filing fee or cover sheet	
139 130	139 130	Non-English specification	
147 2,520	147 2,520	For filing a request for <i>ex parte</i> reexamination	
112 920*	112 920*	Requesting publication of SIR prior to Examiner action	
113 1,840*	113 1,840*	Requesting publication of SIR after Examiner action	
115 110	215 55	Extension for reply within first month	
116 400	216 200	Extension for reply within second month	
117 920	217 460	Extension for reply within third month	
118 1,440	218 720	Extension for reply within fourth month	
128 1,960	228 980	Extension for reply within fifth month	
119 320	219 160	Notice of Appeal	320.00
120 320	220 160	Filing a brief in support of an appeal	
121 280	221 140	Request for oral hearing	
138 1,510	138 1,510	Petition to institute a public use proceeding	
140 110	240 55	Petition to revive - unavoidable	
141 1,280	241 640	Petition to revive - unintentional	
142 1,280	242 640	Utility issue fee (or reissue)	
143 460	243 230	Design issue fee	
144 620	244 310	Plant issue fee	
122 130	122 130	Petitions to the Commissioner	
123 50	123 50	Processing fee under 37 CFR 1.17(q)	
126 180	126 180	Submission of Information Disclosure Stmt	
581 40	581 40	Recording each patent assignment per property (times number of properties)	
146 740	246 370	Filing a submission after final rejection (37 CFR § 1.129(a))	
149 740	249 370	For each additional invention to be examined (37 CFR § 1.129(b))	
179 740	279 370	Request for Continued Examination (RCE)	
169 900	169 900	Request for expedited examination of a design application	

Other fee (specify) _____

*Reduced by Basic Filing Fee Paid

SUBTOTAL (3) (\$) **320.00****SUBMITTED BY**

Name (Print/Type)

Thomas P. McBride

Registration No.
(Attorney/Agent)

32,706

Complete (if applicable)

Telephone

(636) 737-7685

Signature

Date

26 Nov 02

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
Address: COMMISSIONER OF PATENTS AND TRADEMARKS
Washington, D.C. 20231
www.uspto.gov

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/386,605	08/31/1999	CHRISTOPHER G. TAYLOR	38-21-(15757	1594

27161 7590 12/03/2002

MONSANTO COMPANY
800 N. LINDBERGH BLVD.
ATTENTION: G.P. WUELLNER, IP PARALEGAL, (E2NA)
ST. LOUIS, MO 63167

EXAMINER

HELMER, GEORGIA L

ART UNIT PAPER NUMBER

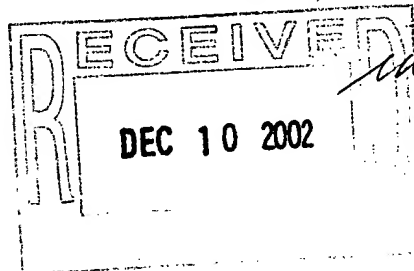
1638

DATE MAILED: 12/03/2002

(FINAL
REJECTION)

Please find below and/or attached an Office communication concerning this application or proceeding.

→ (OA dated
8/16/002 has
been
withdrawn)
=



(TPM)
POSTED
P/16/002/6M



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
Address: COMMISSIONER OF PATENTS AND TRADEMARKS
Washington, D.C. 20231
www.uspto.gov

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/386,605	08/31/1999	CHRISTOPHER G. TAYLOR	38-21-(15757	1594

27161 7590 12/03/2002

MONSANTO COMPANY
800 N. LINDBERGH BLVD.
ATTENTION: G.P. WUELLNER, IP PARALEGAL, (E2NA)
ST. LOUIS, MO 63167

EXAMINER

HELMER, GEORGIA L

ART UNIT PAPER NUMBER

1638

DATE MAILED: 12/03/2002

Please find below and/or attached an Office communication concerning this application or proceeding.

*Office Action dated 8/27/02 has been
with-drawn*

Office Action Summary

Application No.

09/386,605

Applicant(s)

TAYLOR ET AL.

Examiner

Georgia L. Helmer

Art Unit

1638

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133).
- Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 11 June 2002.
- 2a) ☒ This action is **FINAL**. 2b) ☐ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-26 is/are pending in the application.
- 4a) Of the above claim(s) 12-26 is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1-11 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
- Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
- 11) ☐ The proposed drawing correction filed on _____ is: a) ☐ approved b) ☐ disapproved by the Examiner.
- If approved, corrected drawings are required in reply to this Office action.
- 12) ☐ The oath or declaration is objected to by the Examiner.

Priority under 35 U.S.C. §§ 119 and 120

- 13) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. _____.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- * See the attached detailed Office action for a list of the certified copies not received.
- 14) ☒ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. § 119(e) (to a provisional application).
- a) ☐ The translation of the foreign language provisional application has been received.
- 15) ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. §§ 120 and/or 121.

Attachment(s)

- 1) ☐ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☐ Information Disclosure Statement(s) (PTO-1449) Paper No(s) _____
- 4) ☒ Interview Summary (PTO-413) Paper No(s). 15.
- 5) ☐ Notice of Informal Patent Application (PTO-152)
- 6) ☐ Other:

Interview Summary	Application No. 09/386,605	Applicant(s) TAYLOR ET AL.	
	Examiner Georgia L. Helmer	Art Unit 1638	

All participants (applicant, applicant's representative, PTO personnel):

- (1) Georgia L. Helmer. (3) Phuong Bui.
 (2) Tom McBride. (4) _____.

Date of Interview: 25 November 2002.

Type: a) ☒ Telephonic b) ☐ Video Conference
 c) ☐ Personal [copy given to: 1) ☐ applicant 2) ☐ applicant's representative]

Exhibit shown or demonstration conducted: d) ☐ Yes e) ☒ No.
 If Yes, brief description: _____.

Claim(s) discussed: none.

Identification of prior art discussed: none.

Agreement with respect to the claims f) ☐ was reached. g) ☐ was not reached. h) ☒ N/A.

Substance of Interview including description of the general nature of what was agreed to if an agreement was reached, or any other comments: See Continuation Sheet.

(A fuller description, if necessary, and a copy of the amendments which the examiner agreed would render the claims allowable, if available, must be attached. Also, where no copy of the amendments that would render the claims allowable is available, a summary thereof must be attached.)

i) ☐ It is not necessary for applicant to provide a separate record of the substance of the interview(if box is checked).

Unless the paragraph above has been checked, THE FORMAL WRITTEN REPLY TO THE LAST OFFICE ACTION MUST INCLUDE THE SUBSTANCE OF THE INTERVIEW. (See MPEP Section 713.04). If a reply to the last Office action has already been filed, APPLICANT IS GIVEN ONE MONTH FROM THIS INTERVIEW DATE TO FILE A STATEMENT OF THE SUBSTANCE OF THE INTERVIEW. See Summary of Record of Interview requirements on reverse side or on attached sheet.

Examiner Note: You must sign this form unless it is an Attachment to a signed Office action.

 Examiner's signature, if required

Continuation of Substance of Interview including description of the general nature of what was agreed to if an agreement was reached, or any other comments: Applicant Tom McBride queried the Examiner on November 25, 2002 about a discrepancy, bringing it to the Examiner's attention. An inadvertent error by the Office was made in the Office Action Summary (PTO-326) of the August 27, 2002 action-the Status of the action was checked as being non-final. This is incorrect. Applicant requested that the Office Action be maintained as a non-final. The August 27, 2002 Rejection raised no new grounds of rejection and is a proper final rejection.. The August 27, 2002 action is being vacated and a supplemental action is being issued. This action is a Final action. The Office regrets any inconvenience caused to Applicant..

OFFICE ACTION

1. This is a supplemental action, vacating the Office action of August 27, 2002.

This action is a Final action. The action August 27, 2002 is a Final action. However, an inadvertent error was made in the Office Action Summary (PTO-326) of the August 27, 2002 action—the Status of the action was checked as being non-final. This is incorrect. The instant action corrects this mistake. The August 27, 2002 Rejection raised no new grounds of rejection and is a proper final rejection.

Applicant Tom McBride queried the Examiner on November 25, 2002 about this discrepancy, bringing it to the Examiner's attention. The Office regrets any inconvenience caused to Applicant.

Status of the Claims

2. The Office acknowledges receipt of Applicants Response; dated 11 June 2002, paper number 12.
3. Applicant has amended claims 1, 3, 8 and 11. Claims 1-28 are pending. Claims 1-11 are examined in the instant action.

This action is made FINAL.

4. All rejections not addressed below have been withdrawn.

Claim Rejections - 35 USC § 112

5. The following is a quotation of the first paragraph of 35 U.S.C. 112:

The specification shall contain a written description of the invention, and of the manner and process of making and using it, in such full, clear, concise, and exact terms as to enable any person skilled in the art to which it pertains, or with which it is most nearly connected, to make and use the same and shall set forth the best mode contemplated by the inventor of carrying out his invention.

Art Unit: 1638

6. Claims 1-11 rejected under 35 U.S.C. 112, first paragraph, because the specification, while being enabling for soybean hypocotyls and potato branches, does not reasonably provide enablement for any explant of any plant. The specification does not enable any person skilled in the art to which it pertains, or with which it is most nearly connected, to make and use the invention commensurate in scope with these claims.

Applicant's claims are broadly drawn to any explant of any plant.

Re any explant:

Applicant teaches soybean hypocotyls and potato branches. Hypocotyls and stems are not representative of all explants. Stems and hypocotyls are explants which have undergone differentiation and possess special features such as hormone gradients (Raven et al, Biology of Plants (1992), Worth Publishers, New York, NY 10003, pages 548). These explants (stem & hypocotyls) "know which end is up". Not all explants have these features. It is unpredictable that other explants not having these features, would be capable of functioning in the same way as stems and hypocotyls in the claimed invention. Neither the prior art nor Applicant's disclosure shows that explants other than stems and hypocotyls are capable of functioning as desired in the claimed invention. Accordingly, it is unpredictable that explants other than stems and hypocotyls can be used to practice the claimed invention as commensurate in scope with the claims.

Re any plant:

Applicant claims any plant. Applicant teaches soybean and potato, which are dicot plants. Dicot plants are not representative of all plants. Especially they are not representative of monocot plants. The properties of stems of dicot plants differ from those of monocot plants (Raven et al, Biology of Plants (1992), Worth Publishers, New York, NY 10003, pages 382, Table 18, and 494-5, Figures 23-8, 23-9 and 23-10). Dicots show secondary growth, characterized by the presence of secondary meristematic tissue. Dicot stem cells have the capacity to dedifferentiate and become meristematic, whereas monocot stems cells do not have this capacity. It is unpredictable that plants other than dicots would be capable of functioning in the same way as the dicots in the claimed invention. Neither the prior art nor Applicant's disclosure shows that plants other than dicots are capable of functioning as desired in the claimed invention. Accordingly, it is unpredictable that plants other than dicots can be used to practice the claimed invention as commensurate in scope with the claims.

In view of the breadth of the claims (any explant and any plant) and the lack of guidance in the specification, undue experimentation would be required to enable the invention as commensurate in scope with the claims. The specification does not enable any person skilled in the art to which it pertains, or with which it is most nearly connected, to make and use the invention commensurate in scope with these claims.

Remarks

7. No Claim is allowed.

8. Applicant's amendment necessitated the new ground(s) of rejection presented in this Office action. Accordingly, **THIS ACTION IS MADE FINAL**. See MPEP § 706.07(a). Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire THREE MONTHS from the mailing date of this action. In the event a first reply is filed within TWO MONTHS of the mailing date of this final action and the advisory action is not mailed until after the end of the THREE-MONTH shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the date of this final action.

9. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Georgia L. Helmer whose telephone number is 703-308-7023. The examiner can normally be reached on 8:30 - 5:00.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Amy Nelson can be reached on 703-306-3218. The fax phone numbers for

Application/Control Number: 09/386,605

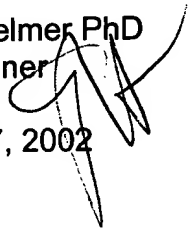
Page 6


Art Unit: 1638

the organization where this application or proceeding is assigned are 703-308-4242 for regular communications and 703-308-4242 for After Final communications.

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the receptionist whose telephone number is 703-308-0196.

Georgia L. Helmer PhD
Patent Examiner
Art Unit 1638
November 27, 2002



 11/27/02
PHUONG T. BUI
PRIMARY EXAMINER

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of: Christopher G. Taylor and Yong Huang

Application No.: 09/386,605

Group No.: 1638

Filed: 08/31/1999

Examiner: G.L. Helmer

For: Novel Transgene Assay Using Stable *Agrobacterium rhizogenes* Transformation

Confirmation No.: 1594

Mail Stop 16
Commissioner for Patents
P. O. Box 1450
Alexandria, VA 22313-1450

REQUEST FOR REFUND

Dear Sir:

Applicants request that the Commissioner for Patents refund an amount of \$320.00 which represents the

CERTIFICATE OF MAILING/TRANSMISSION (37 C.F.R. section 1.8(a))

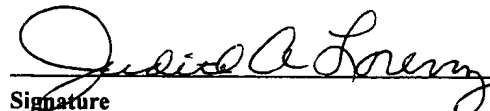
I hereby certify that, on the date shown below, this correspondence is being:

MAILING

X deposited with the United States Postal Service
with sufficient postage as first class mail in an
envelope addressed to Mail Stop 16,
Commissioner for Patents, P.O. Box 1450,
Alexandria, VA 22313-1450.

FACSIMILE

☐ transmitted by facsimile to the Patent and
Trademark Office.


Signature

Date: May 12, 2003

Judith A. Lorenz
(type or print name of person certifying)

2002. An interview with the Examiner on November 25, 2002 resulted in the August 27, 2002 action being vacated and a supplemental action being issued. Please refund the amount by crediting Deposit Account 13-4125.

Respectfully submitted



Thomas P. McBride
Reg. No. 32,706
Monsanto Company
800 North Lindbergh Boulevard
St. Louis, MO 63167
636-737-7685
636-737-6047

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

NOTICE OF APPEAL FROM THE EXAMINER TO THE BOARD OF PATENT APPEALS AND INTERFERENCES		Docket Number (Optional) 38-21(15757)	
I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to "Assistant P.O. Box 1450 Commissioner for Patents, Washington D.C. 20231" Alexandria, VA 22313-1450 on <u>May 2, 2003</u>		In re Application of Taylor et al.	
Signature <u>Judith A. Lorenz</u> Typed or printed name <u>Judith A. Lorenz</u>		Application Number 09/386,605	Filed 08/31/1999
		For Novel Transgene Assay Using Stable Agrobacterium Rhizogenes Transformation	
		Group Art Unit 1638	Examiner Georgia L. Helmer

Applicant hereby appeals to the Board of Patent Appeals and Interferences from the last decision of the examiner.

The fee for this Notice of Appeal is (37 CFR 1.17(b)) \$ 320.00

- ☐ Applicant claims small entity status. See 37 CFR 1.27. Therefore, the fee shown above is reduced by half, and the resulting fee is: \$ _____
- ☐ A check in the amount of the fee is enclosed.
- ☐ Payment by credit card. Form PTO-2038 is attached.
- ☐ The Commissioner has already been authorized to charge fees in this application to a Deposit Account. I have enclosed a duplicate copy of this sheet.
- ☒ The Commissioner is hereby authorized to charge any fees which may be required, or credit any overpayment to Deposit Account No. 13-4125. I have enclosed a duplicate copy of this sheet.
- ☒ A petition for an extension of time under 37 CFR 1.136(a) (PTO/SB/22) is enclosed.

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

I am the

- ☐ applicant/inventor.
- ☐ assignee of record of the entire interest.
See 37 CFR 3.71. Statement under 37 CFR 3.73(b) is enclosed. (Form PTO/SB/96)
- ☒ attorney or agent of record.
- ☐ attorney or agent acting under 37 CFR 1.34(a).
Registration number if acting under 37 CFR 1.34(a) _____



Signature

Thomas P. McBride

Typed or printed name



Date

NOTE: Signatures of all the inventors or assignees of record of the entire interest or their representative(s) are required. Submit multiple forms if more than one signature is required, see below*.

☒ *Total of one forms are submitted.

PETITION FOR EXTENSION OF TIME UNDER 37 CFR 1.136(a)		Docket Number (Optional) 38-21(15757)
In re Application of Christopher G Taylor and Yong Huang		
Application Number 09/386,605	Filed August 31, 1999	
For Novel Transgene Assay Using Stable Agrobacterium Rhizogenes Transformation		
Group Art Unit 1635	Examiner Andrew Wang	

This is a request under the provisions of 37 CFR 1.136(a) to extend the period for filing a response in the above identified application.

The requested extension and appropriate non-small-entity fee are as follows (check time period desired):

<input type="checkbox"/>	One month (37 CFR 1.17(a)(1))	\$ _____
<input checked="" type="checkbox"/>	Two months (37 CFR 1.17(a)(2))	\$ <u>410.00</u>
<input type="checkbox"/>	Three months (37 CFR 1.17(a)(3))	\$ _____
<input type="checkbox"/>	Four months (37 CFR 1.17(a)(4))	\$ _____
<input type="checkbox"/>	Five months (37 CFR 1.17 (a)(5))	\$ _____

☐ Applicant is a small entity under 37 CFR 1.9 and 1.27, therefore the fee amount shown above is reduced by one-half, and the resuming fee is: \$ _____

A small entity statement under 37 CFR 1.27:

☐ is enclosed.

☐ has already been filed in this application.

☐ A check in the amount of the fee is enclosed.

☐ The Commissioner has already been authorized to charge fees in this application to a Deposit Account.

☒ The Commissioner is hereby authorized to charge any fees which may be required, or credit any overpayment, to Deposit Account Number 13-4125 I have enclosed a duplicate copy of this sheet.

I am the ☐ assignee of record of the entire interest.

☐ applicant.

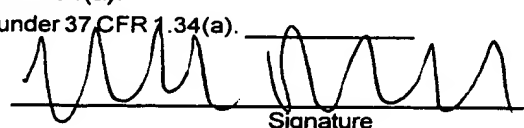
☒ attorney or agent of record.

☐ attorney or agent under 37 CFR 1.34(a).

Registration number if acting under 37 CFR 1.34(a). _____

1 May 03

Date



Signature

Thomas P. McBride, Reg. No. 32,706

Typed or printed name



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
Address: COMMISSIONER FOR PATENTS
P.O. Box 1450
Alexandria, Virginia 22313-1450
www.uspto.gov

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/386,605	08/31/1999	CHRISTOPHER G. TAYLOR	38-21-(15757	1594

27161 7590 09/23/2003

MONSANTO COMPANY
800 N. LINDBERGH BLVD.
ATTENTION: G.P. WUELLNER, IP PARALEGAL, (E2NA)
ST. LOUIS, MO 63167

EXAMINER

HELMER, GEORGIA L

ART UNIT

PAPER NUMBER

1638

19

DATE MAILED: 09/23/2003

Int. of abandonment,

Please find below and/or attached an Office communication concerning this application or proceeding.

(TPM)
=
POSTED
SEP 26 2003

SEP 26 2003

Notice of Abandonment

Application No.

09/386,605

Examiner

Georgia L. Helmer

Applicant(s)

TAYLOR ET AL.

Art Unit


1638

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

This application is abandoned in view of:

1. ☐ Applicant's failure to timely file a proper reply to the Office letter mailed on _____.
 - (a) ☐ A reply was received on _____ (with a Certificate of Mailing or Transmission dated _____), which is after the expiration of the period for reply (including a total extension of time of _____ month(s)) which expired on _____.
 - (b) ☐ A proposed reply was received on _____, but it does not constitute a proper reply under 37 CFR 1.113 (a) to the final rejection.
(A proper reply under 37 CFR 1.113 to a final rejection consists only of: (1) a timely filed amendment which places the application in condition for allowance; (2) a timely filed Notice of Appeal (with appeal fee); or (3) a timely filed Request for Continued Examination (RCE) in compliance with 37 CFR 1.114).
 - (c) ☐ A reply was received on _____ but it does not constitute a proper reply, or a bona fide attempt at a proper reply, to the non-final rejection. See 37 CFR 1.85(a) and 1.111. (See explanation in box 7 below).
 - (d) ☐ No reply has been received.
2. ☐ Applicant's failure to timely pay the required issue fee and publication fee, if applicable, within the statutory period of three months from the mailing date of the Notice of Allowance (PTOL-85).
 - (a) ☐ The issue fee and publication fee, if applicable, was received on _____ (with a Certificate of Mailing or Transmission dated _____), which is after the expiration of the statutory period for payment of the issue fee (and publication fee) set in the Notice of Allowance (PTOL-85).
 - (b) ☐ The submitted fee of \$_____ is insufficient. A balance of \$_____ is due.
The issue fee required by 37 CFR 1.18 is \$_____. The publication fee, if required by 37 CFR 1.18(d), is \$_____.
 - (c) ☐ The issue fee and publication fee, if applicable, has not been received.
3. ☐ Applicant's failure to timely file corrected drawings as required by, and within the three-month period set in, the Notice of Allowability (PTO-37).
 - (a) ☐ Proposed corrected drawings were received on _____ (with a Certificate of Mailing or Transmission dated _____), which is after the expiration of the period for reply.
 - (b) ☐ No corrected drawings have been received.
4. ☐ The letter of express abandonment which is signed by the attorney or agent of record, the assignee of the entire interest, or all of the applicants.
5. ☐ The letter of express abandonment which is signed by an attorney or agent (acting in a representative capacity under 37 CFR 1.34(a)) upon the filing of a continuing application.
6. ☐ The decision by the Board of Patent Appeals and Interference rendered on _____ and because the period for seeking court review of the decision has expired and there are no allowed claims.
7. ☒ The reason(s) below:

The Notice of Appeal was filed 3 December 2002, nine and a half months ago from today, 17 September 2003. The Notice of Appeal time period is 6 months from the date of filing the NOA. Accordingly this case is abandoned.



ELIZABETH F. McELWAIN
PRIMARY EXAMINER
GROUP 1800

Petitions to revive under 37 CFR 1.137(a) or (b), or requests to withdraw the holding of abandonment under 37 CFR 1.181, should be promptly filed to minimize any negative effects on patent term.

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

CERTIFICATE UNDER 37 C.F.R. §1.10

I hereby certify that the documents enclosed herein are being deposited with the United States Postal Service on this 2nd day of December, 2003 in an envelope as "Express Mail Post Office to Addressee" Mailing Label Number EV113668533US addressed to: MAIL STOP RCE, Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450.


Michelle Ludwig

EV113668533US

In re application of: Taylor et al.)

) Examiner: Georgia L. Helmer

Serial No.: 09/386,605)

) Group Art Unit: 1638

Filed: August 31, 1999)

) Conf. No. 1594

For: Novel Transgene Assay Using Stable)
Agrobacterium Rhizogenes Transformation)

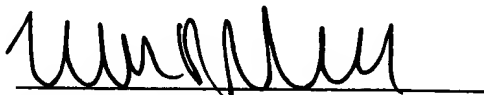
MAIL STOP RCE
Commissioner for Patents
P.O. Box 1450
Alexandria, Virginia 22313-1450

TRANSMITTAL LETTER

Transmitted herewith are the following documents in the above-identified application.

- ☒ Request for Continued Examination (RCE) Transmittal
- ☒ Petition for Extension of Time Under 37 CFR 1.136(a)
- ☒ Amendment B and Remarks
- ☒ Fee Transmittal for Year 2004
- ☒ If an extension or an additional extension of time is required, but is not enclosed, please consider this a conditional petition therefor and charge Deposit Account 13-4125 accordingly.
- ☒ Please debit \$2,780.00 from Deposit Account 13-4125 for the fee required with this filing.
- ☒ Please charge any deficiencies or credit any overpayment to Deposit Account 13-4125. A duplicate copy of this sheet is attached.

Respectfully submitted,



Thomas P. McBride

Reg. No. 32,706

800 North Lindbergh Boulevard, Mail Zone E2NA

St. Louis, Missouri 63167

(314) 694-5802 (telephone)

(314) 694-5311 (facsimile)

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Request for Continued Examination (RCE) Transmittal

Address to:
Mail Stop RCE
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Application Number	09/386,605
Filing Date	August 31, 1999
First Named Inventor	Christopher G. Taylor
Art Unit	1638
Examiner Name	Georgia L. Helmer
Attorney Docket Number	38-21(15757)

This is a Request for Continued Examination (RCE) under 37 CFR 1.114 of the above-identified application.
Request for Continued Examination (RCE) practice under 37 CFR 1.114 does not apply to any utility or plant application filed prior to June 8, 1995, or to any design application. See Instruction Sheet for RCEs (not to be submitted to the USPTO) on page 2.

1. **Submission required under 37 CFR 1.114** Note: If the RCE is proper, any previously filed unentered amendments and amendments enclosed with the RCE will be entered in the order in which they were filed unless applicant instructs otherwise. If applicant does not wish to have any previously filed unentered amendment(s) entered, applicant must request non-entry of such amendment(s).

- a. ☐ Previously submitted. If a final Office action is outstanding, any amendments filed after the final Office action may be considered as a submission even if this box is not checked.
- i. ☐ Consider the arguments in the Appeal Brief or Rely Brief previously filed on _____
- ii. ☐ Other _____
- b. ☒ Enclosed
- i. ☒ Amendment/Reply
- ii. ☐ Affidavit(s)/ Declaration(s)
- iii. ☐ Information Disclosure Statement (IDS)
- iv. ☐ Other _____

2. Miscellaneous


- a. ☐ Suspension of action on the above-identified application is requested under 37 CFR 1.103(c) for a period of _____ months. (Period of suspension shall not exceed 3 months; Fee under 37 CFR 1.17(i) required)
- b. ☐ Other _____

3. Fees

- The RCE fee under 37 CFR 1.17(e) is required by 37 CFR 1.114 when the RCE is filed.
The Director is hereby authorized to charge the following fees, or credit any overpayments, to Deposit Account No. 13-4125
- a. ☒ RCE fee required under 37 CFR 1.17(e)
- i. ☒ Extension of time fee (37 CFR 1.138 and 1.17)
- ii. ☐ Other _____
- b. ☐ Check in the amount of \$ _____ enclosed
- c. ☐ Payment by credit card (Form PTO-2038 enclosed)

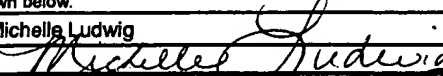
WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT REQUIRED

Name (Print/Type)	Thomas R. McBride	Registration No. (Attorney/Agent)	32,706
Signature		Date	2 Dec 03

CERTIFICATE OF MAILING OR TRANSMISSION

I hereby certify that this correspondence is being deposited with the United States Postal Service **Express Mail #EVL13668533U5** addressed to: Mail Stop RCE, Commissioner for Patents, P. O. Box 1450, Alexandria, VA 22313-1450 or facsimile transmitted to the U.S. Patent and Trademark Office on the date shown below.

Name (Print/Type)	Michelle Ludwig	Date	December 2 2003
Signature			

This collection of information is required by 37 CFR 4.114. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Mail Stop RCE, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

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PETITION FOR EXTENSION OF TIME UNDER 37 CFR 1.136(a)

Docket Number (Optional)

38-21(15757)

In re Application of Taylor et al.

Application Number 09/386,605

Filed 8/31/1999

For Novel Transgene Assay Using Stable Agrobacterium Rhizogenes Transformation

Group Art Unit 1638

Examiner Georgia L. Helmer

This is a request under the provisions of 37 CFR 1.136(a) to extend the period for filing a reply in the above identified application.

The requested extension and appropriate non-small-entity fee are as follows (check time period desired):

- ☐ One month (37 CFR 1.17(a)(1)) \$ _____
- ☐ Two months (37 CFR 1.17(a)(2)) \$ _____
- ☐ Three months (37 CFR 1.17(a)(3)) \$ _____
- ☐ Four months (37 CFR 1.17(a)(4)) \$ _____
- ☒ Five months (37 CFR 1.17(a)(5)) \$ 2,010.00

☐ Applicant claims small entity status. See 37 CFR 1.27. Therefore, the fee amount shown above is reduced by one-half, and the resulting fee is: \$ _____.

☐ A check in the amount of the fee is enclosed.

☐ Payment by credit card. Form PTO-2038 is attached.

☐ The Commissioner has already been authorized to charge fees in this application to a Deposit Account.

☒ The Commissioner is hereby authorized to charge any fees which may be required, or credit any overpayment, to Deposit Account Number 13-4125.

I have enclosed a duplicate copy of this sheet.

I am the ☐ applicant/inventor

☐ assignee of record of the entire interest. See 37 CFR 3.71.
Statement under 37 CFR 3.73(b) is enclosed. (Form PTO/SB/96).

☒ attorney or agent of record.

☐ attorney or agent under 37 CFR 1.34(a).
Registration number if acting under 37 CFR 1.34(a) _____.

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

2 Dec 03
Date


Signature

Thomas P. McBride

Typed or printed name

NOTE: Signatures of all the inventors or assignees of record of the entire interest or their representative(s) are required. Submit multiple forms if more than one signature is required, see below.

☒ Total of one forms are submitted.

Burden Hour Statement: This form is estimated to take 0.1 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

Taylor et al.

Serial number:

09/386,605

Filing Date:

08/31/99

Docket Number

38-21 (15757)

Group Art Unit:

1638

Examiner:

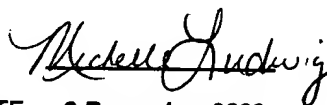
Helmer, G.

Title:

**Novel Transgene Assay Using Stable
Agrobacterium Rhizogenes
Transformation**

CERTIFICATE OF MAILING

I hereby certify that this correspondence is being deposited with the United States Postal Service on this 2nd day of December, 2003 in an envelope as "Express Mail Post Office to Addressee" Mailing Label Number EV113668533US addressed to: MAIL STOP RCE, Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450.



DATE: 2 December 2003

Signature

Michelle Ludwig

Printed Name

AMENDMENT B and REMARKS

MAIL STOP RCE
COMMISSIONER FOR PATENTS
PO Box 1450
Alexandria, Virginia 22313-1450

Dear Sir:

In response to the Final Office Action dated 12/3/02, and Applicant's subsequent Notice of Appeal dated May 2, 2003, Applicants hereby file the accompanying Request for Continued Examination and this Amendment B and Remarks responsive to the issues raised in the December 3, 2002 office action. A five-month extension of time has been submitted to render

this amendment timely filed. In the event that any additional extension of time is necessary to render this response timely, the Patent Office is hereby authorized to debit Deposit Account 13-4125 for any such fee required and to consider this a conditional petition therefore.

Claim Amendments

Please enter the following amendments.

1. (currently amended) A method for producing a stably transformed chimeric dicotyledonous plant having transgenic root tissue, the method comprising the steps of:
obtaining ~~ana~~ stem or hypocotyl explant from a selected dicotyledonous plant species;
transforming the stem or hypocotyl explant with *Agrobacterium rhizogenes* containing an exogenous nucleic acid sequence capable of being transferred to the explant;
culturing the transformed explant in a root initiating media to produce transformed roots; and
transferring the transformed roots to soil or a hydroponic environment to produce the chimeric dicotyledonous plant having transformed roots and wild type shoots, stems and leaves.
2. (canceled)
3. (previously presented) The method of claim 1 wherein the explant is a hypocotyl having a cut end below the cotyledon.
4. (original) The method of claim 3 wherein the cut end of the hypocotyl is contacted with the *Agrobacterium rhizogenes*.
5. (original) The method of claim 4 wherein the *Agrobacterium rhizogenes* is strain K599.
6. (canceled)
7. (currently amended) The method of claim 6~~1~~ wherein the dicotyledonous plant is soybean, potato, or tomato.
8. (previously presented) The method of claim 4 wherein transformed roots are initiated in the hypocotyl by placing the end of the hypocotyl contacted with the *Agrobacterium rhizogenes* in a media containing ¼ strength Murashige and Skoog media.
9. (original) The method of claim 8 wherein the media further comprises a selectable agent.
10. (original) The method of claim 9 wherein the selectable agent is kanamycin.
11. (previously presented) The method of claim 10 wherein the concentration of kanamycin in the media is no more than 50 mg/L.
12. (withdrawn) A method for testing a genetic element for functionality in a plant, comprising the steps of:
obtaining an explant;
inoculating the explant with *Agrobacterium rhizogenes* containing an exogenous genetic element capable of being transferred to the explant;
culturing the inoculated explant in a manner permitting transgenic root development;

producing a stable chimeric plant with transgenic root tissue;

analyzing the transgenic root tissue for the exogenous genetic element.

13. (withdrawn) The method of claim 12 wherein the exogenous genetic element is a gene that confers resistance to plant pathogens.

14. (withdrawn) The method of claim 12 wherein the exogenous genetic element is a gene that confers an agronomic trait to the plant.

15. (withdrawn) The method of claim 12 wherein the exogenous genetic element is a gene that is involved in the enzymatic or metabolic activity of the plant.

16. (withdrawn) The method of claim 12 wherein the exogenous genetic element is a promoter sequence.

17. (withdrawn) The method of claim 12 wherein the explant is selected from the group consisting of stem, hypocotyl or root tissue.

18. (withdrawn) The method of claim 12 wherein the explant is a hypocotyl providing a cut end below the cotyledon.

19. (withdrawn) The method of claim 18 wherein the cut end of the hypocotyl is contacted with the *Agrobacterium rhizogenes*.

20. (withdrawn) The method of claim 19 wherein the *Agrobacterium rhizogenes* is strain K599.

21. (withdrawn) The method of claim 12 wherein the explant is obtained from a dicotyledonous plant.

22. (withdrawn) The method of claim 21 wherein the plant is soybean, potato, or tomato.

23. (withdrawn) The method of claim 19 wherein transgenic root development is initiated in the inoculated hypocotyl by placing the inoculated hypocotyl region in a media containing ¼ MS.

24. (withdrawn) The method of claim 23 wherein the media further comprises a selectable agent.

25. (withdrawn) The method of claim 24 wherein the selectable agent is kanamycin.

26. (withdrawn) The method of claim 25 wherein the concentration of kanamycin in the media is no more than about 50 mg/L.

REMARKS

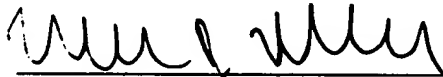
Reconsideration of the application in view of the amended claims and the following remarks is respectfully requested. Claims 1, 3-5 and 7-11 remain pending. Claims 2 and 6 have been canceled. Claims 12-26 remain withdrawn.

Rejections under 35 U.S.C. § 112, first paragraph

The Examiner had rejected claims 1-11 under 35 U.S.C. § 112, first paragraph on the basis that the specification, while being enabling for soybean hypocotyls and potato branches, does not reasonably provide enablement for any explant of any plant. Applicants respectfully disagree with the position of the Patent Office, but to obtain and expedite the issuance of allowable claims, the claims have been amended to address the rejection raised by the Patent Office. Applicants have introduced into the claims that the explant is a "stem or hypocotyl" and that the resulting chimeric plant is from a "dicotyledonous" plant species. It is believed that this addresses the 35 U.S.C. § 112, first paragraph rejections and that claims 1 3-5 and 7-11 are now in condition for allowance and passage to publication.

In view of the foregoing, it is submitted that the newly amended claims are in condition for allowance. Reconsideration and withdrawal of the rejections is respectfully requested. If the examiner believes that a phone conference with Applicants' representative would advance the application to allowance, she is invited to telephone the undersigned at the number below.

Respectfully submitted,



Thomas P. McBride
Reg. No. 32, 706
800 North Lindbergh Boulevard
Mail Zone E2NA
St. Louis, Missouri 63167
(314) 694-5802 (telephone)
(314) 694-5311 (facsimile)

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

FEE TRANSMITTAL
for FY 2004

Effective 10/01/2003. Patent fees are subject to annual revision.

☐ Applicant claims small entity status. See 37 CFR 1.27**TOTAL AMOUNT OF PAYMENT**

(\$) 2,780.00

Complete if Known

Application Number	09/386,605
Filing Date	8/31/1999
First Named Inventor	Christopher G. Taylor
Examiner Name	Georgia L. Helmer
Art Unit	1638
Attorney Docket No.	38-21(15757)

METHOD OF PAYMENT (check all that apply)☐ Check ☐ Credit card ☐ Money Order ☐ Other ☐ None☒ Deposit Account:Deposit
Account
Number
Deposit
Account
Name

13-4125

Monsanto Company

The Director is authorized to: (check all that apply)

☒ Charge fee(s) indicated below ☒ Credit any overpayments☒ Charge any additional fee(s) or any underpayment of fee(s)☐ Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.**FEE CALCULATION****1. BASIC FILING FEE**

Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description	Fee Paid
1001 770	2001 385	Utility filing fee	
1002 340	2002 170	Design filing fee	
1003 530	2003 265	Plant filing fee	
1004 770	2004 385	Reissue filing fee	
1005 160	2005 80	Provisional filing fee	

SUBTOTAL (1) (\$) -0-**2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE**

Total Claims	Extra Claims	Fee from below	Fee Paid
24	-20** = 0	18	-0-
2	-3** = 0	86	-0-
Independent Claims			
Multiple Dependent			

Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description	Fee Paid
1202 18	2202 9	Claims in excess of 20	
1201 86	2201 43	Independent claims in excess of 3	
1203 290	2203 145	Multiple dependent claim, if not paid	
1204 86	2204 43	** Reissue independent claims over original patent	
1205 18	2205 9	** Reissue claims in excess of 20 and over original patent	

SUBTOTAL (2) (\$) -0-

**or number previously paid, if greater; For Reissues, see above

FEE CALCULATION (continued)**3. ADDITIONAL FEES**

Large Entity Small Entity

Fee Code (\$)	Fee Code (\$)	Fee Description	Fee Paid
1051 130	2051 65	Surcharge - late filing fee or oath	
1052 50	2052 25	Surcharge - late provisional filing fee or cover sheet	
1053 130	1053 130	Non-English specification	
1812 2,520	1812 2,520	For filing a request for ex parte reexamination	
1804 920*	1804 920*	Requesting publication of SIR prior to Examiner action	
1805 1,840*	1805 1,840*	Requesting publication of SIR after Examiner action	
1251 110	2251 55	Extension for reply within first month	
1252 420	2252 210	Extension for reply within second month	
1253 950	2253 475	Extension for reply within third month	
1254 1,480	2254 740	Extension for reply within fourth month	
1255 2,010	2255 1,005	Extension for reply within fifth month	2,010.00
1401 330	2401 165	Notice of Appeal	
1402 330	2402 165	Filing a brief in support of an appeal	
1403 290	2403 145	Request for oral hearing	
1451 1,510	1451 1,510	Petition to institute a public use proceeding	
1452 110	2452 55	Petition to revive - unavoidable	
1453 1,330	2453 665	Petition to revive - unintentional	
1501 1,330	2501 665	Utility issue fee (or reissue)	
1502 480	2502 240	Design issue fee	
1503 640	2503 320	Plant issue fee	
1460 130	1460 130	Petitions to the Commissioner	
1807 50	1807 50	Processing fee under 37 CFR 1.17(q)	
1808 180	1808 180	Submission of information Disclosure Stmt	
8021 40	8021 40	Recording each patent assignment per property (times number of properties)	
1809 770	2809 385	Filing a submission after final rejection (37 CFR 1.129(a))	
1810 770	2810 385	For each additional invention to be examined (37 CFR 1.129(b))	
1801 770	2801 385	Request for Continued Examination (RCE)	770.00
1802 900	1802 900	Request for expedited examination of a design application	

Other fee (specify)

*Reduced by Basic Filing Fee Paid

SUBTOTAL (3) (\$) 2,780.00**SUBMITTED BY**

Name (Print/Type)

Thomas P. McBride

Registration No.

32,706

(Complete if applicable)

Telephone 314-694-5802

Signature

Date

2 Dec 03

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This collection of information is required by 37 CFR 1.17 and 1.27. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS.

SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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